

Ammonium methacrylate
16325-47-6 | DTXSID0023874

Model Performance

Model	Data
-------	------

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 1.84 mol/L

Global applicability domain: Inside

Local applicability domain index: 7.80e-01

Confidence level: 7.36e-01

Nearest Neighbors from the Training Set

Image not found

Methacrylic acid

Measured: 1.03

Predicted: 1.84

Image not found

2-Butenoic acid

Measured: 1.02

Predicted: 1.54

Image not found

Propionic acid

Measured: 13.5

Predicted: 6.36

Image not found

Sodium propionate

Measured: 5.20

Predicted: 6.36

Image not found

2-Methylpropanoic acid

Measured: 1.90

Predicted: 1.91